


MODERN
WATER QUALITY LABORATORY

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Approved by: State Pollution Control Board, Govt. of Kerala, Approval No. PCB/LAB/C11/2018

REPORT ON ANALYSIS OF WATER

AR No : AR/ML/5910/2023

DATE: 06/06/2023

NAME : AMRITHA VIDYALAYAM MOB : 9048246326 EMAIL : ADDRESS : KANNIYAMPURAM	DATE & TIME OF SAMPLE COLLECTION DOMESTIC ESTABLISHMENT SAMPLE COLLECTED BY : CLIENT SAMPLE DELEVERED BY : CLIENT DATE & TIME OF DELEVERY: 30/05/2023 SAMPLE RECEIVED BY : ANILA SAMPLE CONDITION: FIT FOR TEST PERIOD OF ANALYSIS: 4 DAYS
SOURCE OF SAMPLE: BORE WELL	SAMPLE RECEIVED BY : ANILA
SAMPLE CONTAINER : PLASTIC BOTTLE	SAMPLE CONDITION: FIT FOR TEST
TYPE OF TEST PHYSICAL CHEMICAL BACTERIOLOGY	PERIOD OF ANALYSIS: 4 DAYS

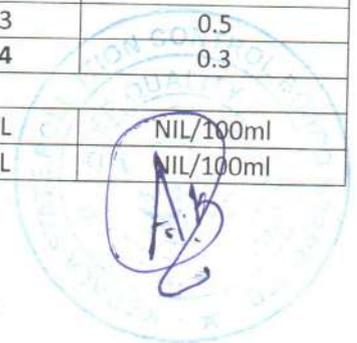
SL.NO	PARAMETERS	UNIT	TEST METHOD APHA	RESULTS	ACCETABLE LIMIT IS 10500
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PHYSICAL EXAMINATION					
1	TASTE AND ODOR		2160 A	AGREEABLE	AGREEABLE
2	ELECTRICAL CONDUCTIVITY	S/cm	2510 B	60	
3	TURBIDITY	NTU	2130 B	0.0	1
4	TOTAL DISSOLVED SOLIDS	mg/L	2540 C	35	500

CHEMICAL EXAMINATION					
5	pH	-	4500 H+B	6.6	6.5-8.5
6	TOTAL ALKALINITY	mg/L	2320 B/2310 B	10	200
7	ACIDITY	mg/L	2320 B/2310 B	10	
8	TOTAL HARDNESS (as CaCO ₃)	mg/L	2340 C	28	200
9	CALCIUM HARDNESS	mg/L	3500 Ca B	8	
10	MAGNESIUM HARDNESS	mg/L	3500 Mg B	20	
11	CALCIUM (as Ca)	mg/L	3500 Ca B	3.2	75
12	MAGNESIUM (as Mg)	mg/L	3500 Mg B	5	30
13	CHLORIDE	mg/L	4500 Cl-B	12	250
14	SULPHATE	mg/L	4500 SO ₄ E	9	200
15	FLUORIDE	mg/L	4500 F D	0.1	1
16	AMMONIA	mg/L	4500 NH ₃ F	0.3	0.5
17	IRON (as Fe)	mg/L	3500 Fe B	0.4	0.3

BACTERIOLOGY					
18	TOTAL COLI FORM	cfu /100ml	9222 B	NIL	NIL/100ml
19	FECAL COLI FORM	cfu/100ml	9222 D	NIL	NIL/100ml

REMARK : Iron content is above the acceptable limit.



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